

# Serrmi

THE RELIABLE MANUFACTURER YOU'VE  
BEEN WAITING FOR.



**PRODUCT GUIDE**





## OUR STORY

Serrmi Products is an ISO and DBE certified manufacturer of transportation structures and products. They are known for superior products, exceptional quality and the highest level of professionalism. We guarantee to exceed your expectations and ensure your full satisfaction in the products we offer.

The primary products we offer are instrument houses and cases that can be customized and built to order for the transportation industry including railroad, electrical, utilities, communications, telecommunications, petrochemical, solar and generators.

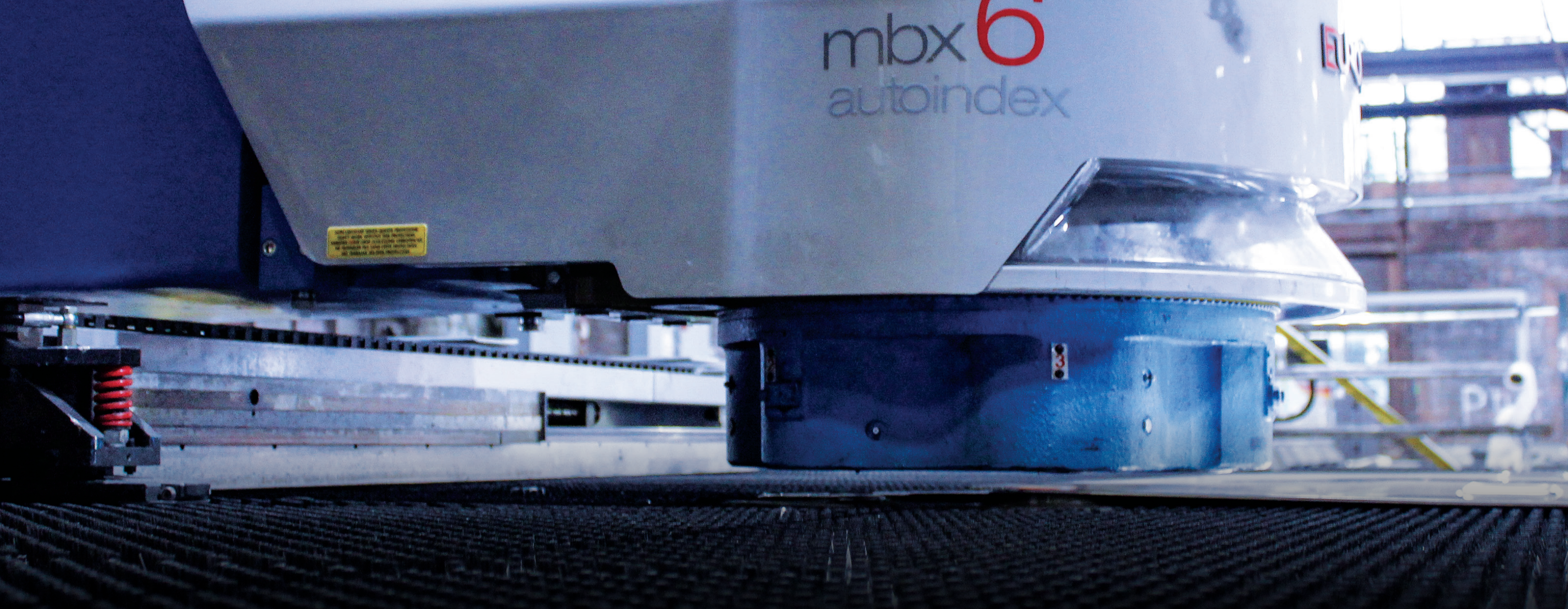
Walls, roof, and floor panels are constructed of aluminum, alloy 303-H14. Floors are constructed of aluminum and are also alloy 3003-H14. These houses and cases are welded under the current American Welding Society specifications by certified welders.



**SERRMI A DBE  
COMPANY & ISO  
CERTIFIED**







## OUR PROCESS

Serrmi products are designed to incorporate safety, quality, and functionality. Manufacturing is performed in the United States and are certified to the American Association of Railroad M-1003 standards.

Each house and case doors are equipped with stainless steel three-point latching systems to insure tight closure. The exterior door handles are made of cast aluminum and will accept standard padlocks. House doors include an interior handle for use when the enclosure is occupied.

Walls, roof and floor panels are constructed of 0.100" aluminum, alloy 3003-H14. Doors are constructed of 0.125" aluminum, alloy 3003-H14. The structural material used in each house and case is aluminum alloy.

House floors are constructed of interlocking panels and the floors are sealed to prevent insect and weather damage. Hardware is either galvanized steel or stainless steel to resist weather related corrosion.

- |           |                       |           |                 |
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# SIGNAL RELAY HOUSE

Serrmi's signal relay houses include our two year warranty and are assembled in the USA. We offer custom engineering for customer specifications on non-structured designs.

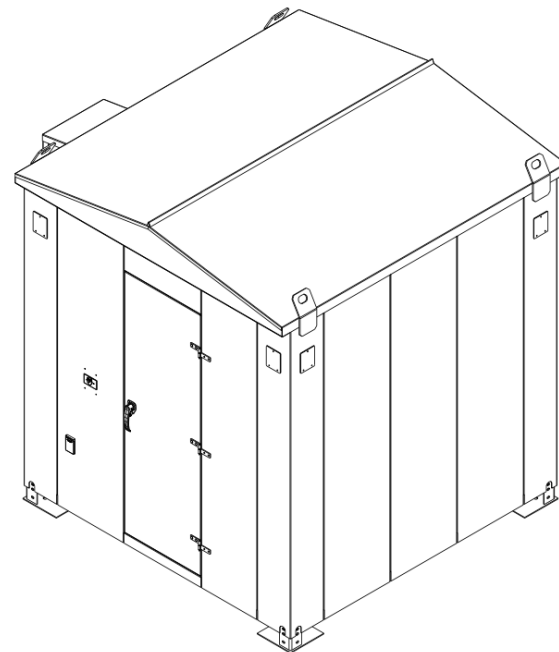
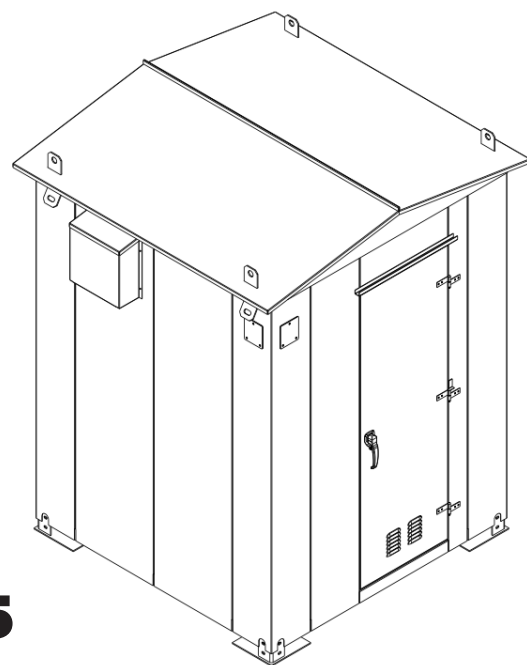
All cases and houses are insulated with Thermax AG or equivalent. Insulation is with an R Value of 7.2 per inch with the option of customization and include a foundation.

## STANDARD SIZES

<b>5X5</b>	<b>6X6</b>	<b>8X8</b>	10X10	10X14
4X6	6X8	10X8	10X12	

### ALL SIZES CAN INCLUDE THE FOLLOWING CUSTOMIZATIONS:

- Plywood Terminal Boards
- Faraday Board
- Plywood Shelves
- Insulation
- HVAC Unit
- Conduit Knockouts
- Relay Bars
- Wire Tie Bars
- Exhaust Fan with Thermostat
- Server Rack
- Cable Risers
- Aerial Outlets
- LED, Incandescent or Fluorescent Light Fixtures
- Generator
- On and Off Grid Options
- Vinyl Wraps



# SIGNAL TOP-LOAD HOUSE

Serrmi's signal top-load houses are built using the highest quality metals and to OSHA compliance. These units come standard at 5x5 and 6x6 foot, but can fit any size signal house and include the 1A 300 pound capacity ladder. These platforms are constructed with safety in mind including a non-slip abrasive material, safety gates with springs, and built to withstand wind load requirements.

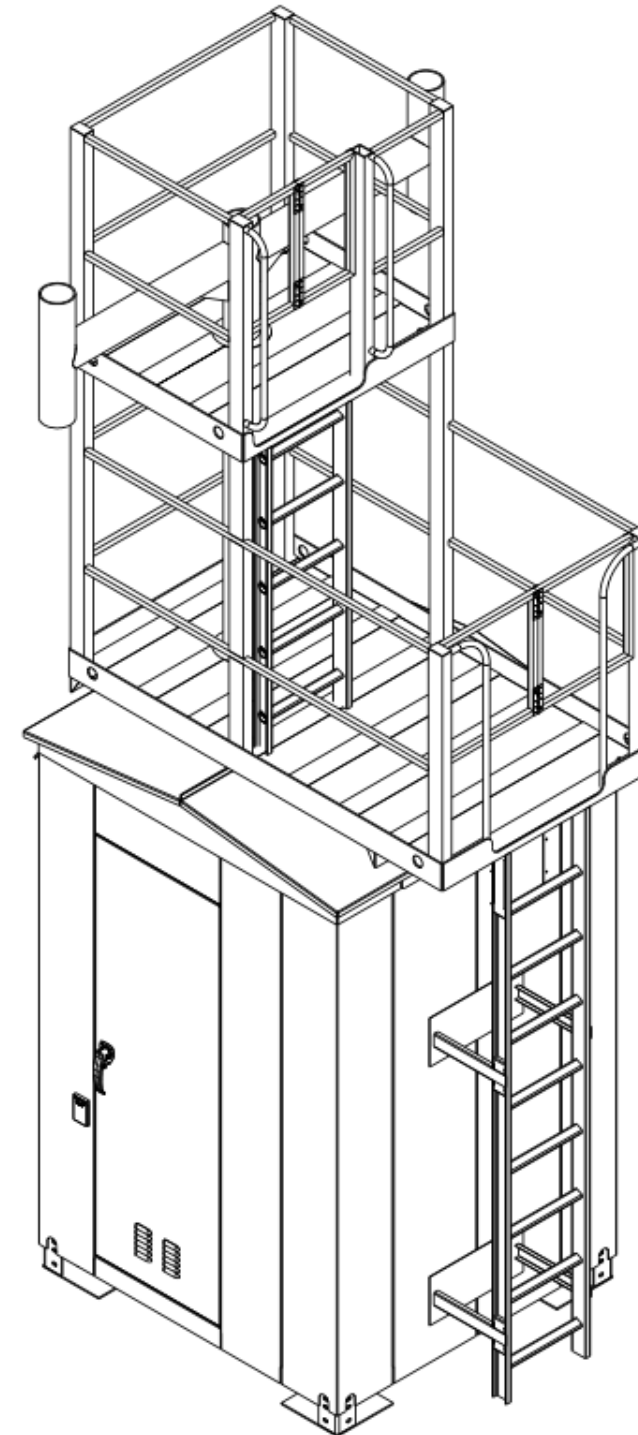
## STANDARD SIZES

**5X5**      **6X6**

### AVAILABLE UPGRADES:

We work with our customers to ensure the housing and platforms meet their needs. Below are customer upgrades we have done specifically for the top-load houses in the past:

- 1AA 375 Pound ladders
- Serrated platforms
- Abrasives platforms
- Custom shelter sizes



Although we have upgrades listed, every project is unique. Serrmi is able to meet and exceed your expectations. That is why we offer custom engineering on all projects.



# INSTRUMENT CASES

Serrmi's aluminum or steel instrument cases can be equipped to meet any customer requirements and comes with a two year warranty.

Serrmi's designs are not limited to standard sizing and can be modified to meet the needs of each unique project based on the customers specifications.

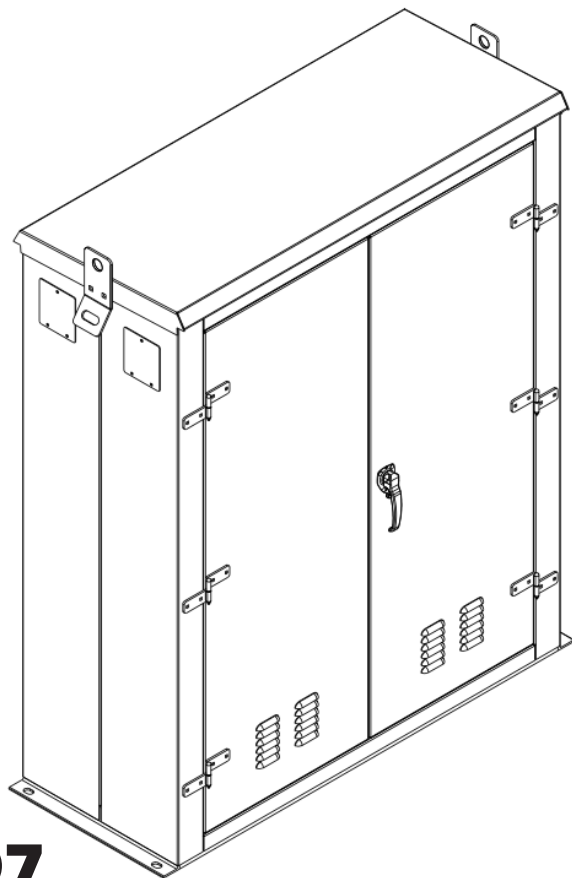
## STANDARD SIZES

- |                           |                             |
|---------------------------|-----------------------------|
| <b>81"L x 24"W x 62"H</b> | <b>41.5"L x 24"W x 62"H</b> |
| <b>59"L x 24"W x 62"H</b> | <b>41.5"L x 24"W x 74"H</b> |
| <b>59"L x 24"W x 74"H</b> |                             |

## AVAILABLE UPGRADES:

Just like our signal houses, all of our instrument cases are built to the needs of the customer. Below are some of the available upgrades.

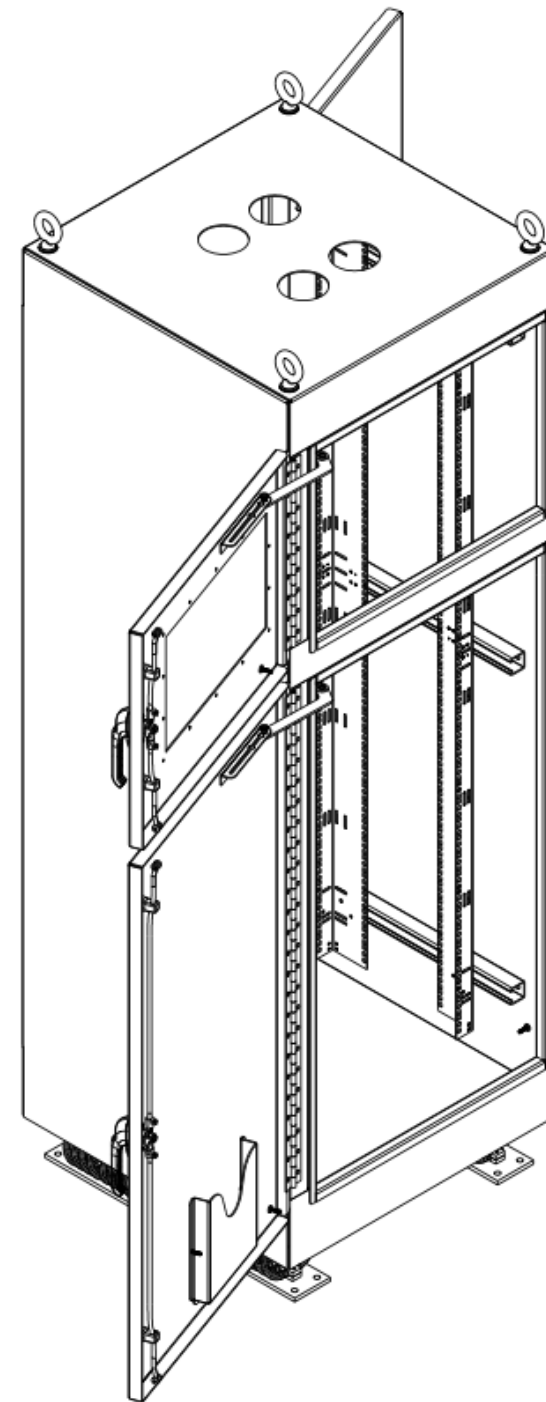
- Server Racks
- Foundations
- Exhaust with Thermostat
- LED Light Fixtures
- Insulation
- Conduit Knockouts
- Relay Bars
- Cable Risers
- Aerial Outlets



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# CUSTOM CASES

Serrmi works with customers to create custom cases with different functionalities. These cases can meet the requirements of any situation, and be custom engineered for any wiring needs. These units can also be powder coated and equipped with hardware to fit the surrounding environment.



## CUSTOMIZATION NEEDS

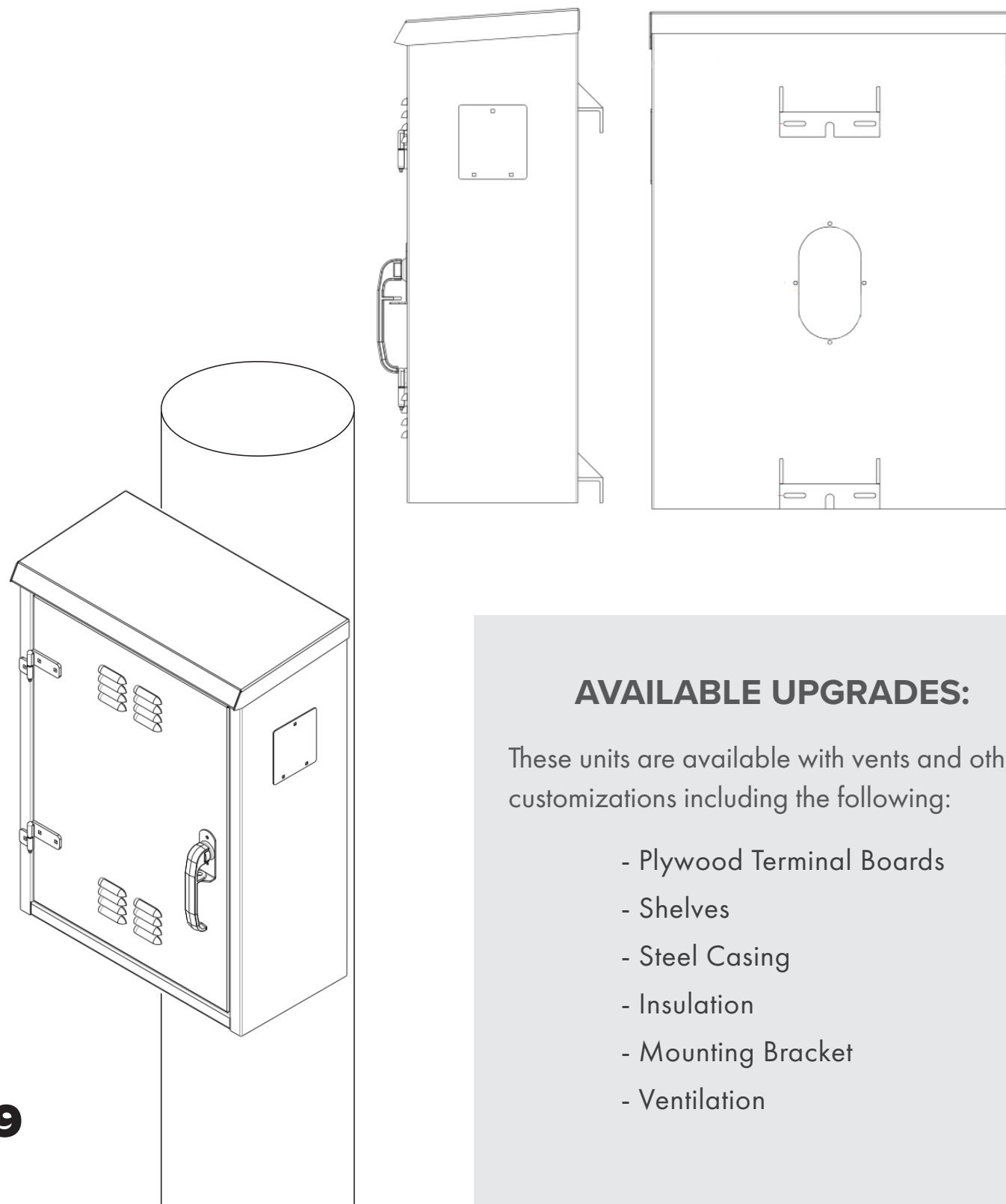
We were approached by a customer that needed a custom case for the New York Transit. This unit passed rigorous testing and incorporated components that would communicate with the trains. The unit was built with non-flammable, non-toxic foam for insulation. This custom case was manufactured with mounting brackets, shelving, and had inside lighting. Serrmi's engineering team created the blueprint for the customer as seen to the left.

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# POLE MOUNT CASES

Serrmi keeps your components safe from the elements with a communication case. These cases are made from aluminum. Rubber gaskets are used to create a weather proof seal. Each unit is built with security in mind and ships with U-bolts for secure mounting.



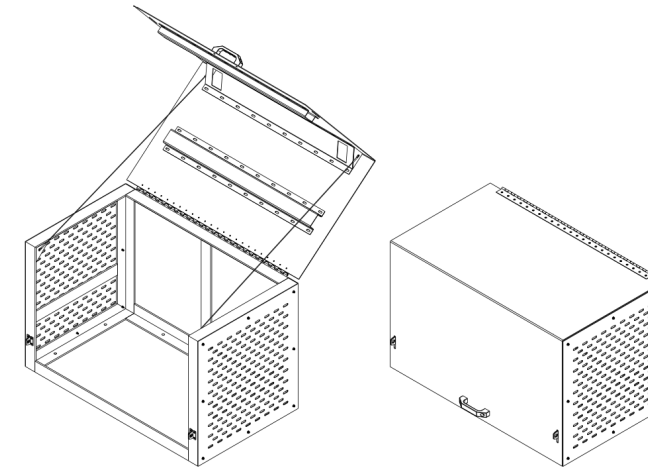
## AVAILABLE UPGRADES:

These units are available with vents and other customizations including the following:

- Plywood Terminal Boards
- Shelves
- Steel Casing
- Insulation
- Mounting Bracket
- Ventilation

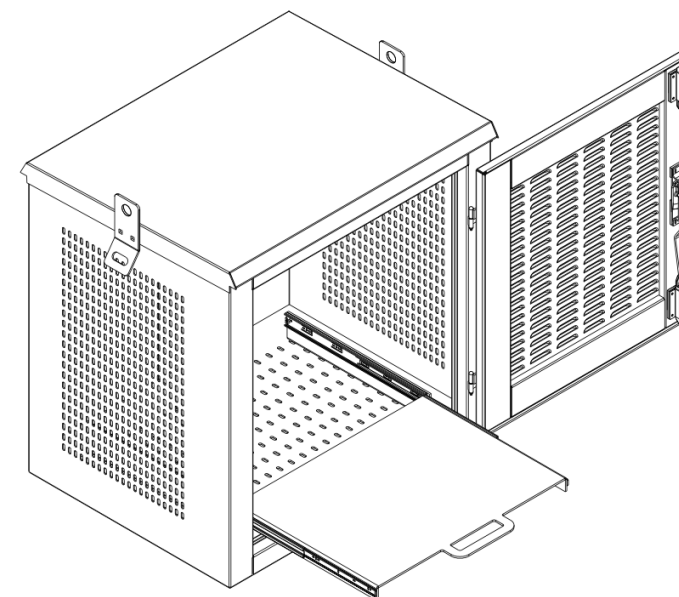
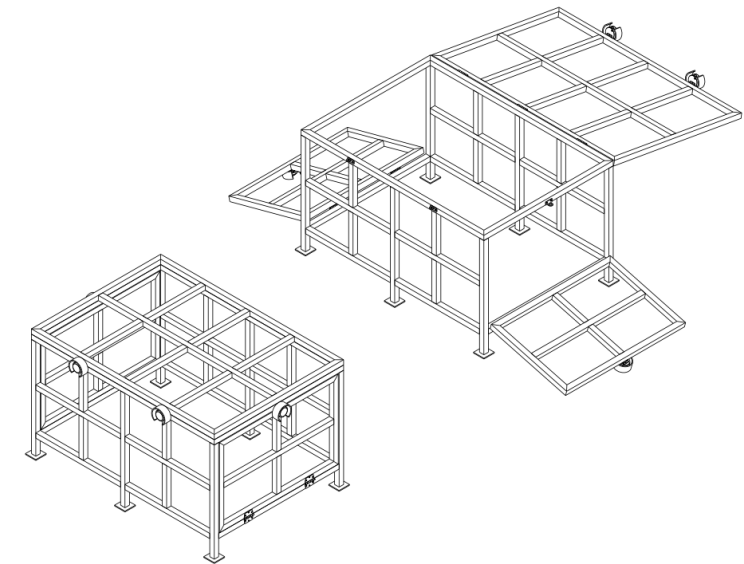
# GENERATOR CASES

Serrmi manufactures generator cases to ensure the security of your generator. These units are created with aluminum and secured with stainless steel hardware. Our designs are not limited to standard sizing and can be modified for specific circumstances.



## STANDBY GENERATOR CASE

The standby generator cases come in a skeleton, or flip top options. These units are mounted to a pour-in-place concrete pad foundation.

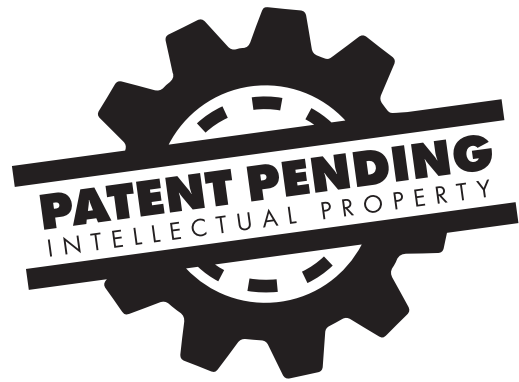


## PORTABLE GENERATOR CASE

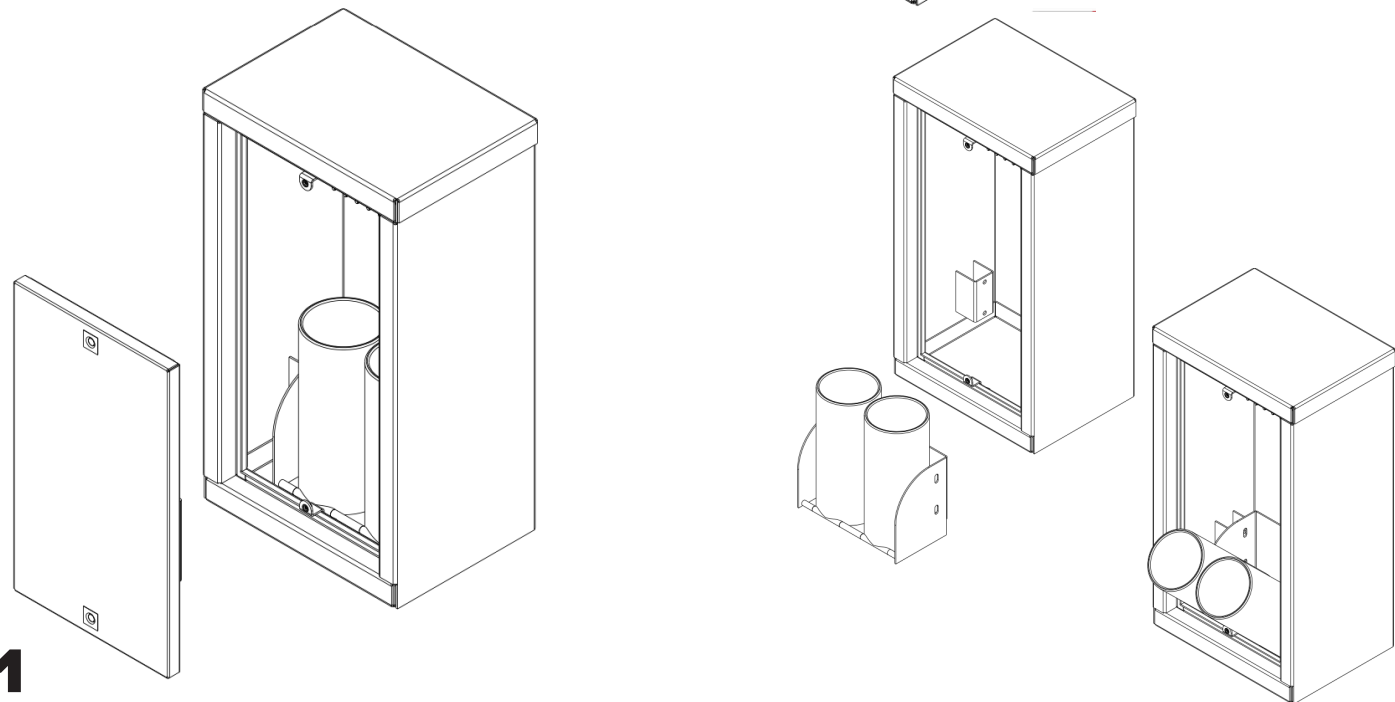
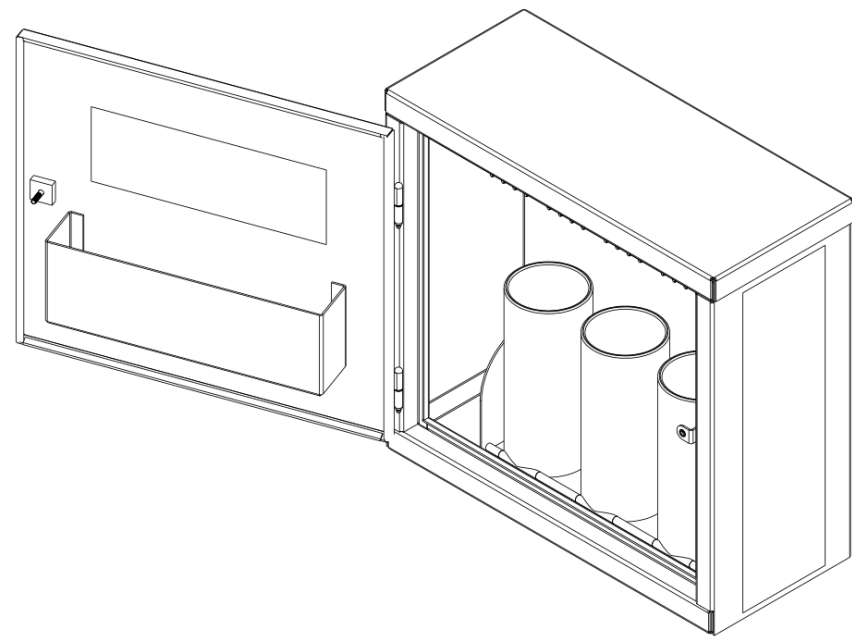
The portable generator case includes the slide out shelf made with stainless steel hardware. These cases come standard with a portable foundation and are fully customizable for your needs.



# SHUNT BOX CASE

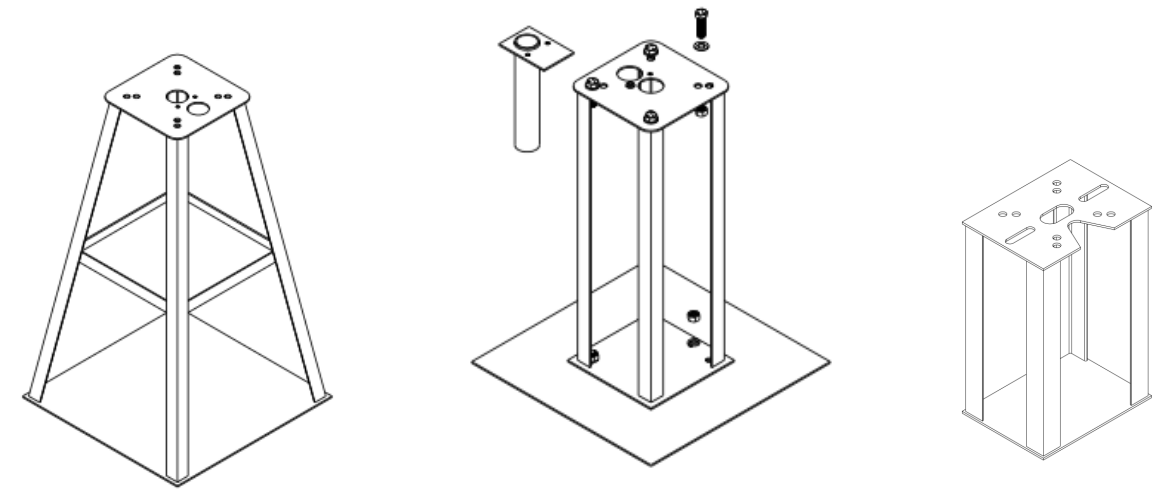


Serrmi's custom fabricated shunt box cases offer a sense of security knowing this aluminum structure is built to protect your shunts from the elements. Each case can be configured for our customers needs and includes removable shunt tubes and mounting hardware for uni-strut, with seal-tight connectors and breathable vents.



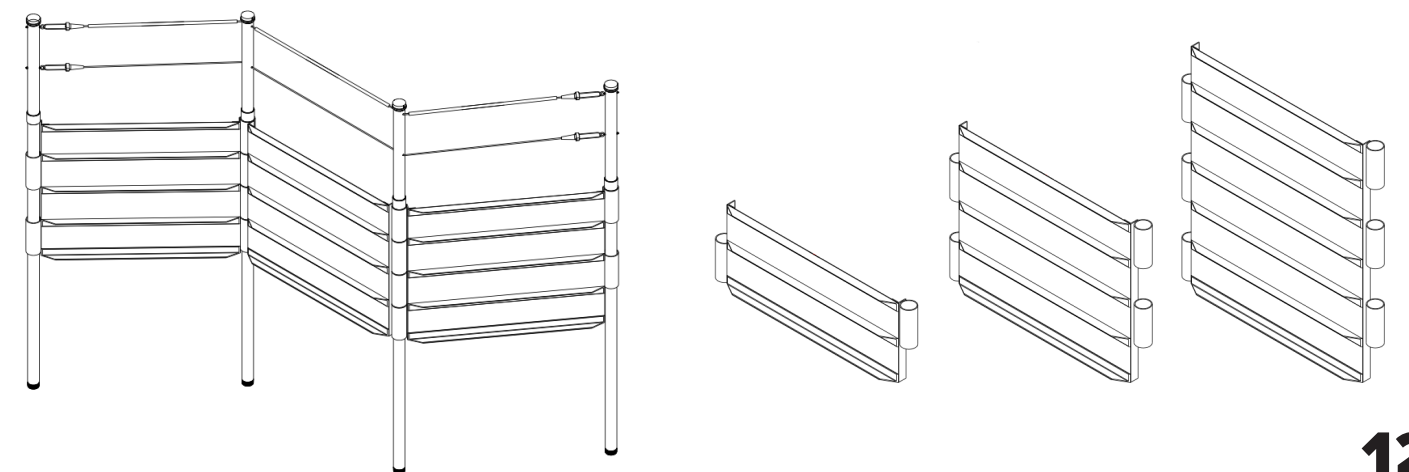
# FOUNDATION

Serrmi's foundations are welded and manufactured in the USA, using the highest quality steel. We construct the foundations using 2½" x 2½" x ¼" steel angle and ¼" steel plate. To ensure longevity and structure stability, we hot-dip galvanize the foundation to protect against the elements. These foundations are ship with chrome plated hardware to ensure a smooth installation. Serrmi also offers pour-in-place foundations for signal houses.



# RETENTION WALLS

Serrmi manufactures a structurally superior method of maintaining the grade around the signal equipment. Thus, preventing erosion with a full line of galvanized steel pre-built panels. Panels come in 2, 4 and 6 foot heights, and can be customized with 5 foot modular sections. All retention walls come with the necessary hardware to ensure a quick and easy installation.







## FINAL PRODUCT

Serrmi Products ensures the quality of our products with a final walk through quality assurance check list. If our customer finds an issue with any of our products our customer service team is ready to assist them in correcting the issue.

After our quality assurance team has signed off on the product we preparing shipments. Each product is shipped by the carrier of the customers choice or Serrmi Products can assist in the shipping process.

Serrmi Products looks forward to serving our customers for many years to come and will continue to provide quality products to the transit industry.



## GET A QUOTE

(833) 752-0717  
[info@serrmiproducts.com](mailto:info@serrmiproducts.com)







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[WWW.SERRMIPRODUCTS.COM](http://WWW.SERRMIPRODUCTS.COM)

1210 N. WALNUT, PITTSBURG, KS 66762